

NEWS LETTER

Society of American Bacteriologists

OFFICE OF THE
SECRETARY-TREASURER

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NUMBER 1

1951 OFFICERS AND COUNCILORS

<i>President:</i>	W. J. NUNGESTER, University of Michigan, Ann Arbor, Michigan
<i>Past President:</i>	BARNETT COHEN, Johns Hopkins School of Medicine, Baltimore, Md.
<i>Vice-President:</i>	R. J. DUBOS, Rockefeller Inst. for Medical Research, New York, N. Y.
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<i>Business Manager:</i>	F. C. HARWOOD, Mt. Royal and Guilford Aves., Baltimore 2, Md.
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	J. H. HANKS, Leonard Wood Memorial, Boston, Massachusetts
	C. A. STUART, Brown University, Providence, Rhode Island

Councilors Elected by Local Branches:

J. M. Slack, Morgantown, W. Virginia	Allegheny
R. B. Houlihan, Berkeley, California	Northern California-Hawaii
A. J. Salle, Los Angeles, California	Southern California
S. E. Wedberg, Storrs, Connecticut	Connecticut Valley
J. H. Glynn, Chicago, Illinois	Illinois
R. F. Ervin, South Bend, Indiana	Indiana
W. W. Smith, Logan, Utah	Intermountain
R. H. Weaver, Lexington, Kentucky	Kentucky-Tennessee
Elizabeth Petran, Baltimore, Maryland	Maryland
W. W. Ferguson, Lansing, Michigan	Michigan
M. S. Fleischer, St. Louis, Missouri	Eastern Missouri
C. A. Hunter, Topeka, Kan.	Missouri Valley
W. W. Umbreit, Rahway, New Jersey	New Jersey
M. W. Jennison, Syracuse, New York	Central New York
J. H. Bailey, Rensselaer, New York	Eastern New York
Mary B. Horton, New York, New York	New York City
J. L. Etchells, Raleigh, N. Carolina	North Carolina
D. W. Watson, Minneapolis, Minn.	North Central
H. E. Lind, Brookline, Mass.	Northeast
H. C. Douglas, Seattle, Washington	Northwest
L. O. Krampitz, Cleveland, Ohio	Ohio
Bettylee Hampil, Glenolden, Pennsylvania	Eastern Pennsylvania
O. da Fonseca, Rio de Janeiro, Brazil, S. A.	Rio de Janeiro
(E. H. Lennette, Berkeley, California)	U.S.A. representative to Rio Branch)
C. S. McClesky, Baton Rouge, La.	South Central
Mildred A. Engelbrecht, University, Alabama	Southeastern
Orville Wyss, Austin, Texas	Texas
F. S. Orcutt, Blacksburg, Virginia	Virginia
Ruth E. Gordon, Beltsville, Maryland	Washington, D. C.

Invited Members (Non-Voting):

The Editors-in-Chief of BACTERIOLOGICAL REVIEWS
and THE JOURNAL OF BACTERIOLOGY, and the Chairman of the Program Committee

Council Policy Committee:

W. J. Nungester, <i>Chairman</i>	H. W. Scherp, <i>Secretary</i>
Barnett Cohen	J. M. Sherman
N. R. Smith (1950)	H. J. Shaughnessy (1951)
	Martin Frobisher, Jr. (1952)

CHANGE IN THE FORMAT OF THE NEWS LETTER

Owing to the rapid growth of the Society in recent years, the size of each printing of the *News Letter* has increased to about 4,500 copies, a number sufficiently large to permit printing by letterpress at a cost comparing favorably with that of offset printing. Indeed, it is estimated that it will cost less to produce the News Letter by letterpress in Baltimore than it has cost for offset in New York. It follows, of course, that an offset job from typed copy would be still more economical in Baltimore. It was decided, however, to experiment with letterpress with a view to improving appearance and readability and to minimizing the pressure on the half-time secretary in the office of the Secretary-Treasurer. The preparation of a perfectly typed copy suitable for direct reproduction by offset is much more time-consuming and exacting than the preparation of an ordinary double-spaced manuscript for letterpress.

ELECTIONS FOR 1951

The Tellers Committee appointed by Dr. Cohen, composed of Drs. Harry E. Morton, Ruth E. Miller and Bettylee Hampil, met in Philadelphia on December 13th and 14th, 1950 and counted the ballots that had been received by the Secretary-Treasurer. The following officers were elected: President—WALTER J. NUNGESTER; Vice-President—RENE J. DUBOS; Secretary-Treasurer—HENRY W. SCHERP; Councilors-at-Large (for the two-year term, 1951–1952)—JOHN H. HANKS and CHARLES A. STUART. The amendment to Article XII of the Constitution was approved.

The actual tally of the votes follows:

Total number of envelopes received.....	1988
Subtract 2 empty envelopes and 2 blank ballots.....	4

Total number of ballots counted..... 1984

President:

Walter J. Nungester	
Yes.....	1917
No.....	38
Ballots not voted.....	29
	1984

Vice-President:

Rene J. Dubos.....	1337
William C. Frazier.....	633
Ballots not voted.....	14
	1984

Secretary-Treasurer:

Henry W. Scherp	
Yes.....	1910
No.....	25
Ballots not voted.....	49
	1984

Councilors-at-large (two):

Howard L. Bodily.....	591
John H. Hanks.....	1056
Herman C. Lichstein.....	650
Charles A. Stuart.....	1361

Amendment to Article XII of the Constitution:

Approved.....	1346
Not approved.....	113
Ballots not voted.....	525
	1984

THE NEW BUSINESS OFFICE

Effective January 1, 1951, in accordance with the Managerial Service Agreement published in the November, 1950, *News Letter*, the Business Office of the S. A. B. has been transferred from the Hospital For Joint Diseases, 1919 Madison Avenue, New York 35, New York, to Mt. Royal and Guilford Aves., Baltimore 2, Maryland. Mr. Francis C. Harwood of the Williams & Wilkins Company's organization has been appointed Business Manager of the Society, as provided in the Agreement. The Official mailing address is:

Society of American Bacteriologists

FRANCIS C. HARWOOD, *Business Manager*

Mt. Royal and Guilford Aves.

Baltimore 2, Maryland

In order that we may derive the maximal possible benefit from this new arrangement, it is requested that members mail directly to the Business Office all routine correspondence concerning dues, lost copies of the Journals, changes of address, requests for the Directory, applications for membership etc. In this last connection, *please throw away all old membership application blanks* and write in to the Business Office for the new ones that have been brought up to date.

Some confusion is caused by the surprising number of applications that are still sent to Dr. Parr, whose term as Secretary-Treasurer ended two years ago, and by others bearing the names and addresses of pre-Parr Secretaries, not to mention the old (lower) dues. Through the courtesy of Miss Miriam Carr of Dr. Blair's laboratory staff, Society correspondence addressed to him will be forwarded, but it is most desirable to keep this to a minimum.

CHICAGO MEETING

Dr. McCaffrey, Chairman of the Local Committee, and Dr. Porter, Chairman of the Program Committee, report that a fine program is being planned for the Chicago meeting, which will be held May 27th through May 31st at the Edgewater Beach Hotel. Registration will begin at noon on Sunday, May 27.

The program will open officially on Sunday evening with an important general session to be held in the Grand Ballroom, followed by a Smoker and an entertainment session in the Michigan Room. Everyone is urged to be present on Sunday evening—more details will be given on this phase of the program in the next *News Letter*. The scientific sessions will begin on Monday morning and run through Thursday afternoon. Arrangements are being made for half a dozen symposia on topics of current interest. Admission to the scientific sessions will be restricted to those displaying the official registration badge.

Exhibits will be on display in the spacious West Lounge and in the foyer of the Grand Ballroom. Over thirty sustaining members have already contracted for exhibit space.

Several tours, including one to Abbott Laboratories and one to the famed Germ-Free Bacteriological Laboratories at Notre Dame have been arranged for. Visiting ladies will be amply entertained with both prearranged functions and spontaneously organized get-togethers.

The annual banquet will be held in the world renowned Marine Dining Room on Tuesday evening, May 29, music and entertainment to be furnished by a big-name band, the name of which will be announced in a subsequent *News Letter*.

Abstracts. The forms on which titles of papers and abstracts are to be submitted to the Program Committee were sent out with the last *News Letter*. The members are reminded that the deadline for receiving abstracts is February 1, and everyone is urged to adhere to the instructions and submit his abstracts early. Persons appearing on the program will be so notified about March 1. The *Program and Bacteriological Proceedings* will be sent to every member soon after May 1. *Please mail all abstracts to Dr. J. R. Porter, Department of Bacteriology, State University of Iowa, Iowa City, Iowa.*

Reservations: Hotel reservation blanks are being mailed with this *News Letter*, and they should be returned at the earliest possible date to ensure good accommodations. Dormitory-type rooms will be available at reduced rates for certified graduate students, each of whom must submit a certifying letter from his professor.

The Edgewater Beach Hotel will not accept requests for rooms except on the official form which is enclosed. It will be necessary for everyone possible to occupy double rooms; therefore, make arrangements in advance with someone you know to share your room before sending in the enclosed

reservation card. When rooms at rates requested have been exhausted the next higher rate will be assigned, and when the allotment at the Edgewater Beach has been filled, rooms will be assigned at nearby hotels. Names and addresses of all persons to occupy rooms must be shown. Please indicate whether Mr., Mrs., or Miss instead of other titles. All requests for rooms must be made by mail and on the card.

Please mail hotel reservation blanks to:

DR. GEORGE JOSH, *Chairman*
Hotel Reservations Committee
c/o Armour and Company
1425 W. 42nd Street
Chicago 9, Illinois

COMMERCIAL SOLVENTS AWARD IN ANTIBIOTICS

WANTED: Nominees of outstanding accomplishments in antibiotic research.

FOR: The Commercial Solvents Award in Antibiotics.

WHEN: Now or before March 1, 1951.

In the *News Letter* for last July, the Commercial Solvents Corporation and the Society of American Bacteriologists announced the establishment of an annual award for outstanding research in the field of antibiotics. The award will take the form of one thousand dollars and a bronze medal, and will be given to an individual or a group of individuals engaged in research on antibiotics and resident in the Western Hemisphere. In selecting the winner of the award, particular attention will be given to the basic nature of the research and its contribution to fundamental knowledge about the antibiotics. This will include the discovery of antibiotic agents, their isolation, their identification, synthesis, mode of action, or role in the development or selection of resistant microorganisms. Work relating solely to the pharmacology or clinical efficiency will not be considered within the scope of the present award.

The award will be administered by the Society of American Bacteriologists, the recipient of the award being selected by a committee appointed by the President of the Society. The Committee solicits nominations of candidates for the award. Nominations may be made by any member, and a member may nominate himself. The nomination should include a brief description of the candidate's work in the field of antibiotics, with references to published papers. It is expected that the first award will be made at the annual meeting of the Society of American Bacteriologists in Chicago in May, 1951.

Nominations are to be sent in triplicate to the Secretary-Treasurer of the Society of American Bacteriologists, and should be in his hands not

later than March 1, 1951. The award Committee consists of Dr. Harry Eagle, Chairman; Dr. Morton Klein; and Dr. John Hays Bailey.

THE ELI LILLY AND COMPANY AWARD

WANTED: Nominees of outstanding accomplishments in bacteriological and immunological research.

FOR: The 14th Eli Lilly and Company Research Award in Bacteriology and Immunology.

WHEN: Now or before February 20, 1951.

The Eli Lilly and Company Research Award of \$1,000.00 and a bronze medal is made for the purpose of stimulating fundamental research in bacteriology and immunology in the United States and Canada by a young man or woman working in a noncommercial or educational institution. An additional sum of \$150.00, or as much thereof as may be necessary, is available toward travelling expenses of the recipient's award. It is customary to announce the award winner and make presentations of the medal and check at the banquet of the annual meeting of the Society. At the general meeting of the Society, usually the morning following the banquet, the winner of the award presents a paper describing his work in the field of research for which the award was made.

To be eligible for the award, a nominee shall not have passed his thirty-fifth birthday on April 30th of the year of the award and shall have accomplished outstanding research in bacteriology or immunology.

For the purposes of this award in bacteriology and immunology, outstanding research is understood to be that which is of unusual merit in the younger age group. The research is not to be judged in comparison with the work of more mature and experienced workers, and in judging the various researches, special consideration shall be given to the independence of thought and originality shown.

The award is administered and made annually by an Award Committee of four, consisting of two members from the Society of American Bacteriologists and one each from the American Association of Immunologists and the American Society for Experimental Pathology. This Award Committee considers only nominations made to it by the Nominating Committee, consisting also of four members, and similarly constituted in a two, one, one ratio from the three societies. No person shall send in more than one nomination. Nominations shall be accompanied by a brief biographical sketch of the nominee, including date of birth, and by a list of his publications, if any, with the

specific reference to the research on which the nomination is based. The sketch and information should be in the form of five copies for distribution to members of the committees concerned.

The nominations must be received and reviewed by the Nominating Committee. All found in order and eligible are forwarded by the chairman, Dr. Jerome T. Syverton, to the Award Committee which examines eligible nominations and selects one for the award. The individual selected must be notified at least three or four weeks prior to the annual meeting so that he can arrange to be present and may have time to prepare a suitable address, which has in recent years been published in a Society Journal. The Award Committee customarily notifies the Secretary-Treasurer of its decision and he, in turn, notifies the recipient, Eli Lilly and Company, and makes such other arrangements as are necessary.

It is hoped that a suitable number of nominations may be made for 1951, so that, as in previous years, the choice will represent a selection from at least six qualified individuals.

Nominations for the 1951 award, drawn up as directed above, should be prepared at once and may be submitted to Dr. Jerome T. Syverton, Chairman, Eli Lilly Award Nominating Committee, Department of Bacteriology and Immunology, University of Minnesota, Minneapolis, Minnesota.

Members of the Award and Nominating Committees for 1951 are:

Award Committee

H. J. CONN, *Chairman*, Society of American Bacteriologists
THOMAS FRANCIS, JR., Society of American Bacteriologists
PEYTON ROUS, American Society for Exp. Pathology
WILLIAM S. TILLET, American Association of Immunologists

Nominating Committee

JEROME T. SYVERTON, *Chairman*, Society of American Bacteriologists
WAYNE W. UMBREIT, Society of American Bacteriologists
PAUL R. CANNON, American Society of Exp. Pathology
WERNER HENLE, American Association of Immunologists

Previous recipients of the Award are:

1936 HARRY EAGLE
1937 FRANK J. HORSFALL
1938 JEROME T. SYVERTON
1939 JOHN G. KIDD
1940 DILWORTH W. WOOLEY
1941 ALVIN M. PAPPENHEIMER, JR.

- 1942 HARLAND G. WOOD
- 1945 ESMOND E. SNELL
- 1946 MACLYN MCCARTY
- 1947 WAYNE W. UMBREIT
- 1948 ALAN W. BERNHEIMER
- 1949 ELVIN A. KABAT
- 1950 ROGER Y. STANTIER

INTERIM ACTIONS OF THE COUNCIL

Interim actions of the Council, not reported elsewhere, include:

1. Approval of a change in the rules governing the Eli Lilly Award to permit a public announce-

ment of the winner in advance of the annual meeting of the S. A. B.

2. Recommendation that the publication of Microbiological Monographs be suspended.

3. Approval of the appointment of Dr. Orville Wyss as assistant chairman of the program committee.

4. Decision to hold the 1953 Annual Meeting in San Francisco.

5. Approval by the Council Policy Committee of an additional appropriation of \$200 to the Committee on Materials for Visual Instruction in Microbiology, for the purpose of defraying one-half of the cost of a movie describing the Gram stain.

EMPLOYMENT BUREAU

The Society of American Bacteriologists

BACTERIOLOGISTS desiring positions may enroll in the Employment Bureau conducted by the Society of American Bacteriologists. Anyone interested may secure personal data forms from the Director. A deposit of five dollars is required at the time of enrollment. This fee is refunded on request or is applied toward the payment of a commission of 3 per cent (5 per cent for non-members of the Society) of the first 3 months of the salary for a position secured through the efforts of the Bureau.

EMPLOYERS desiring bacteriologists for positions may secure personal dataⁿ of qualified applicants by writing to the Director of the Employment Bureau. There is no charge for this service. Employers will assist the Director in suggesting suitable applicants if they will give detailed information on qualifications, training, and academic degrees desired, and the salary scale that may be offered.

DR. GRANT L. STAHLY, Director

Department of Bacteriology

The Ohio State University, Columbus 10, Ohio

NEWS

NEWS ABOUT OUR MEMBERS

With the unanimous and hearty approval of the Council, President Cohen sent on October 19th the following official message to Dr. John E. Blair:

"By unanimous vote, the Council has seconded the desire to express to you the warm thanks of the Society of American Bacteriologists for your devoted services as its Secretary-Treasurer. We keenly miss your invaluable and beneficent influence; and join in the heartfelt hope that good health will be restored to you in very short time.

"You may be comforted in the knowledge that the Office you regretfully relinquished is being carried on with relative success because you had so ably organized its functions."

In reply, the following letter, dated October 26th, was received from Dr. Blair:

"Many thanks indeed for your kind letter telling me of the generous action of the Council. You know, I am sure, that I have counted it a high privilege to work with you, with the officers and with the Council on behalf of the Society. I deeply appreciate this expression of good wishes from my many friends.

"After nearly two months of fairly close confinement to bed, I am happy to report that some definite progress toward cure is being made—a report given to me today by my physician. With continued rest in the stimulating environment of Trudeau, I am sure that I shall again be feeling fit in due time.

"With kind personal regards, and every good wish for the Society's continued success."

New appointments to the staff of the Department of Microbiology at Baylor University College of Medicine include Dr. Florence L. Evans, formerly a professor of Bacteriology at L. S. U. School of Medicine.

Dr. F. B. Engley, Jr. is now an Associate Professor in the Department of Bacteriology of the Medical Branch of the University of Texas.

Dr. D. Frank Holtman, Head of the Department of Bacteriology at the University of Tennessee, has recently been appointed Chief of Special Weapons Defense in the Tennessee Civil Defense Organization. This Division will have in its charge defense against biological warfare.

Indiana—New appointments to the staff of the Department of Bacteriology at Indiana University include: J. L. Stokes, Associate Professor; Emilio Weiss, Assistant Professor; and Eugene Weinberg, Instructor. In the same department, R. C. Bard has been promoted from Instructor to Assistant Professor.

Dr. Herman C. Lichstein, formerly of the Department of Bacteriology at the University of Tennessee, is at present Associate Professor in the Department of Bacteriology and Immunology, Medical School, University of Minnesota, Minneapolis, where he will develop a program of microbial physiology and metabolism.

Dr. Harold J. Magnuson, Director of the Venereal Disease Experimental Laboratory of the U. S. Public Health Service and Research Professor of the Department of Experimental Medicine in the School of Public Health, University of North Carolina at Chapel Hill, has been appointed by Brock Chisholm, M.D., Director General of the World Health Organization, to be a member of the World Health Organization Expert Advisory Panel on Venereal Infections and Treponematoses.

Dr. Harry E. Morton has been designated as official representative of the Society of American Bacteriologists on the Z-15.1 committee of the American Standards Association, which is concerned with standards for lantern slides.

Dr. E. Staten Wynne has joined the Department of Pathology of the Anderson Foundation.

NEWS AND MEETINGS OF LOCAL BRANCHES

Southern California Branch (Officers for 1951: President, M. J. Pickett; Vice-President, Meridian R. Ball; Secretary-Treasurer, W. D. Rosenfeld).

The Southern California Branch met jointly with the Southern California Parasitologists at the University of Southern California, Los Angeles, on Thursday evening, November 16, 1950. Dr. John F. Kessel, University of Southern California, Department of Medical Microbiology spoke to the combined groups on the following topic:

Bacteriological and Parasitological Aspects of Public Health in Tahiti, with Special Reference to Filariasis.

Connecticut Valley Branch (Officers for 1951: President, Sister Maria Benigna Johnson; Vice-President, Elinor V. Smith; Secretary-Treasurer, Katherine Marden).

November 10, 1950, Amherst College, Mass.
1. Marion B. Sherwood, G. E. Elion, and G. H. Hitchings (Burroughs Wellcome and Co.):

On the relationship between beef extract factor (BE) and Bigger's potentiating substance (1).

2. Philip J. Griffin (Yale University):

Thermolabile accessory growth factors for a new member of the genus *Hemophilus*.

3. Bernard A. Briody, Jr. (Yale University):

Development of the hemagglutinin and infectivity of vaccinia virus.

4. Edgar L. Labrum (Yale University):

The effect of ultraviolet irradiation and photo-reactivation on color variation in *Serratia marcescens*.

5. Evening Lecture: *Studies on Bacteriophage*. Dr. A. D. Hershey, School of Medicine, Washington University, and Carnegie Institution, Cold Spring Harbor:

Indiana Branch

Officers elected on September 25, 1950, for 1951: President, L. B. Schweiger; Vice-President, A. R. Stanley; Secretary-Treasurer, Henry Koffler.

Intermountain Branch (Officers for 1951: President, Dorothy Faris; Vice-President, Sheldon P. Hayes; Secretary-Treasurer, P. S. Nicholes). November 11, 1950, Idaho State College, Pocatello, Idaho.

1. Evidence Against Trans-ovarian Transmission of Staphylococci in Turkeys. Garth A. James and Dr. W. Whitney Smith, Department of Bacteriology, Utah State Agricultural College, Logan, Utah.

2. Glycolipid Production by *Pseudomonas aeruginosa*. Louis Kaplan and Dr. F. G. Jarvis, Dept. of Bacteriology, Idaho State College, Pocatello, Idaho.

3. Brucellosis Program for Utah. William D. Hickey, Chief Sanitarian, Health Department, Salt Lake City, Utah.

4. Preliminary Report on Streptomycin Sensitivity of Various Strains of Tuberculosis. Ralph Knight, Senior Bacteriologist, Utah State Department of Health, Salt Lake City, Utah.

5. Bacteriostatic Effect from Soap and Detergents Used in Washing Glassware. Barbara Iske and Dr. Otto Rahn, Department of Bacteriology, Idaho State College, Pocatello, Idaho.

6. Applications of Kinetics to the Determination of Hyaluronidase Activity. Wesley Wilcox and Dr. John Bachtold, Department of Bacteriology, University of Utah, Salt Lake City, Utah.

7. Relationship of Antibody Titer to Morbidity and Mortality in Staphylococcal Synovitis in Turkeys. Keith M. Budge and Dr. W. Whitney Smith, Department of Bacteriology, Utah State Agricultural College, Logan, Utah.

8. Some Problems Arising in Butter and Cheese Making. Ray Taylor, Challenge Dairy Association, Pocatello, Idaho.

Maryland Branch (Rudolph A. Allgeier, Secretary-Treasurer)

November 28, 1950. School of Hygiene and Public Health, The Johns Hopkins University, Baltimore, Maryland.

1. Immunity to Hookworm Disease. Gilbert F. Otto, School of Hygiene and Public Health, The Johns Hopkins University.

2. Effects of ACTH and Cortisone upon Antibodies and Dermal Sensitivity in Human Beings. George S. Mirick, The Johns Hopkins School of Medicine.

Michigan Branch (Officers for 1951: President, Raymond Sarber; Vice-President, Frank Thorpe, Jr.; Secretary-Treasurer, Elizabeth J. Cope) December 2, 1950. The Fort Wayne Hotel, Detroit, Michigan.

1. Special Types of *Escherichia coli* in Infant Diarrhea. Wm. Ferguson, Michigan Health Department, Lansing, Michigan.

2. New Methods of Detecting Enterococci. Warren Litsky and W. L. Mallman, Department of Bacteriology, M. S. C., East Lansing, Michigan.

3. Egg Transmission of Lymphomatosis. G. F. Cottral, Regional Poultry Research Laboratory, East Lansing, Michigan.

4. Studies on Viral Growth Cycles in Tissue Culture. Ruth Schapira and C. S. Stulberg, Children's Fund of Michigan, Detroit, Michigan.

5. The Relation of Rabies Virus Neutralizing Antibodies to Immunity. F. W. Trader, Jr. and I. W. McLean, Jr., Parke, Davis and Company, Detroit, Michigan.

6. Inhibition Phagocytic Action of Leukocytes by Mumps and Influenzae Viruses. Donald Merchant, University of Michigan.

Central New York Branch

Officers elected on October 14, 1950, for 1951: President, Basil G. Bibby; Vice-President, Richard Henderson; Secretary-Treasurer, Erwin Neter.

Eastern New York Branch (Sophia M. Cohen, Secretary-Treasurer)

November 17, 1950. Sterling-Winthrop Research Institute, Rensselaer, N. Y.

1. Some observations on the Metabolism of X-irradiated Yeast (*S. cerevisiae*). David Paretsky and Leonard B. Clark, Rensselaer Polytechnic Institute, Troy and Union College, Schenectady.

2. A note on the Mechanism of Pathogenesis of Typhoid Fever. E. W. Dennis, Sterling-Winthrop Research Institute, Rensselaer.

3. Typing of *Salmonella* Typhosa with Bacteriophage. Marion B. Coleman, Division of Laboratories and Research, Albany.

4. Epidemiological Aspects of *Salmonella* Typhosa Typing. Robert F. Korn, Bureau of Epidemiology and Communicable Disease Control, New York State Department of Health, Albany.

North Central Branch

Officers elected on October 13, 14, 1950, for 1951: President, Paul F. Clark; Vice-President, J. R. Porter; Secretary-Treasurer, Albert P. McKee.

Eastern Pennsylvania Branch (W. G. Hutchinson, Secretary-Treasurer) November 28, 1950. Philadelphia County Medical Society Building, Philadelphia.

1. Morphological Changes in Growing Cells of *Proteus vulgaris* OX-19. Henry Stempfen, B.S., and W. G. Hutchinson, Ph.D., Jefferson Medical College and the Laboratory of Microbiology of the University of Pennsylvania.

2. Studies on the Fractionation of *Hemophilus pertussis* Extracts. Elizabeth H. Thiele, M.S. and Robert B. Pennell, Ph.D., Sharp & Dohme, Inc., Glenolden, Pennsylvania.

3. The Effect of Streptomycin on the Growth and Glycolytic Potential of *Escherichia coli*. Aaron E. Wasserman, Sc.D., Sharp & Dohme, Inc., Glenolden, Pennsylvania.

4. Virus Diagnostic Laboratory, Analysis of Results in Sporadic and Epidemic Infections. M. M. Sigel, Ph.D. and Lillian T. Kravis, M.D., Children's Hospital of Philadelphia.

Southeastern Branch (Officers for 1951: President, Albert L. Kleckner; Vice-President, C. H. Winkler; Secretary-Treasurer, R. L. Emerson) November 17, 1950. University of Florida, Gainesville, Florida.

1. The Nutrition and Antibiotic Production of Some of the Myxomycetes. Arthur L. Cohen, Oglethorpe University, Georgia.

2. The Effect of Some Antibiotics on Certain Dairy Microorganisms. Howard H. Wilkowske and Walter A. Krienke, Dairy Products Laboratory, University of Florida.

3. The Effect of Terramycin in the Treatment of Salmonellosis in Turkeys Caused by *S. californica*. Mildred M. Galton, Don Mackel and John S. Cowdery, Florida State Board of Health, Jacksonville, Florida.

4. Action of Viricidal Agents on Lactic Streptococcus Bacteriophage. F. W. Bennett, Dairy Department, University of Georgia, Athens, Georgia.

5. The Laboratory Diagnosis of Rabies. Calvin Stucker, State Board of Health. (Illustrated Lecture.)

6. In Vitro Synergic Action of Sulfonamides and Certain Substituted Diphenylalkyl Compounds. Albert L. Kleckner, Department of Hygiene, School of Veterinary Medicine, University of Georgia.

7. Studies on Brucella Urease. John W. Foster, Department of Hygiene, School of Veterinary Medicine, University of Georgia, Athens.

8. Salmonellosis in Florida. Hunter McElrath, Florida State Board of Health.

9. Some Mineral Requirements in Riboflavin Synthesis by Rumen Bacteria. Thomas L. Meade and Arthur F. Novak, Bacteriology, University of Florida.

10. The Occurrence and Characteristics of Organisms Resembling the tribe Mineae. Virginia Pierce and David Singer, State Board of Health.

11. A Comparison of Desoxycholate Agar and Brilliant Green Lactose Bile Broth as Media for the Coliform test in Frozen Deserts. Robert E. Wing and W. R. Carroll, Bacteriology, University of Florida, Seal Test and U. S. Public Health Service Cooperating.

12. Studies on Creeping Eruptions in Florida; The Effect of Various Larvacides on the Dog Hookworm. Ruth Callison, Florida State Board of Health.

Texas Branch (J. B. Cross, Secretary)

November 18, 1950. Texas State Department of Health, Austin.

1. A heat labile Brucella agglutinin blocking factor in human sera. V. T. Schuhardt, H. W. Woodfin and K. C. Knolle, The Brucellosis Research Laboratory of the Clayton Foundation and the Department of Bacteriology. The University of Texas and the State Department of Health Laboratory, Austin, Texas.

2. Hemagglutination test as applied to tuberculosis. Leslie C. Murphy, Fourth Army Area Medical Laboratory, Fort Sam Houston, Texas.

3. The relation between the calcium content of blood and its antitryptic action. Kenneth L. Burdon, Rufus K. Guthrie, and Delores F. Rick, Department of Microbiology, Baylor College of Medicine.

4. A determination of the temperature characteristics of spore germination in a putrefactive anaerobe. Donald A. Mehl, Department of Plant Sciences, University of Oklahoma, Norman and E. Staten Wynne, The University of Texas M.D. Anderson Hospital for Cancer Research, Houston, Texas.

5. Heat resistance of spores from synthetic media. O. B. Williams and O. F. Harper, Jr., Department of Bacteriology, University of Texas, Austin, Texas.

6. Saturated fatty acids as antispore factors for bacteria. W. H. Hardwick, Beverly M. Guirard, and J. W. Foster, Department of Bacteriology, University of Texas.

7. Mutagenicity of germinating spores. R. B. Hefferd, Jr., and Orville Wyss, Department of Bacteriology, University of Texas, Austin, Texas.

8. Experimental peritonitis in the evaluation of antibiotics. Russell E. Brame, Conan H. Millstein, and E. J. Pulaski, Surgical Research Unit, Brooke Army Hospital, Ft. Sam Houston, Texas.

9. In vitro sensitivities to antibiotics of Gram negative bacilli isolated from children with diarrhea. M. L. Neene, R. Gibbs, and A. E. Hansen, Department of Pediatrics, The University of Texas Medical Branch, Galveston.

10. Cultural sensitivity testing of bacteria to antibiotics. Conan H. Millstein and Anthony Contreras, Surgical Research Unit, Brooke Army Hospital, Ft. Sam Houston, Texas.

11. Evaluation of mercurial antiseptics. Frank Engley, Jr., Department of Bacteriology, University of Texas Medical Branch, Galveston.

12. Effect of excess vitamin intake on "normal" bacilluria. Paul Ewing, Bernice M. Doucet, Randolph Clements, and G. A. Emerson, Department of Pharmacology, The University of Texas Medical Branch, Galveston.

13. The inactivation of poliomyelitis virus by lyophilization. Morris Pollard, Department of Preventive Medicine, The University of Texas Medical Branch, Galveston.

14. Additional observations on the distribution of Coxsackie viruses. Margaret Neville Norris, Thelma D. Sullivan and J. V. Irons, Texas State Department of Health, Austin, Texas.

15. Interferences between St. Louis encephalitis virus and western equine encephalomyelitis virus along a neuronal pathway. Russell T. Jordon and Carl E. Duffy, University of Arkansas School of Medicine, Little Rock.

16. Three unusual fungus infections observed in South Texas. F. W. Bieberdorf, Foundation of Applied Research, San Antonio, Texas.

17. Laboratory acquired infections in the United States. Robert M. Pike and S. Edward Sulkin, Southwestern Medical School of the University of Texas, Dallas, Texas.

18. The chick embryo as a test for toxigenicity of strains of *C. diphtheria*. Florence L. Evans, Department of Microbiology, Baylor College of Medicine, Houston, Texas.

19. Suitable media for the growth of mass culture of *Pneumococcus*. John B. Loefer and Russell G. Weichlein, Foundation of Applied Research, San Antonio, Texas.

20. Studies of sulfur metabolism of *Brucella*. L. J. Rode, C. E. Lankford, and V. T. Schudardt, Department of Bacteriology, University of Texas and the Brucellosis Research Laboratory of the Clayton Foundation, Austin, Texas.

21. Effects of autoclaving glucose and phosphate on growth initiation. Hal. H. Ramsey, III, and C. E. Lankford, Department of Bacteriology, University of Texas, Austin, Texas.

22. Effects of copalchi on the glycolytic systems of *Saccharomyces cerevisiae* and mammalian tissues. Joe B. Nash, William T. Moore, Joyce K. Howard, and Paul L. Ewing, Department of Pharmacology, The University of Texas Medical Branch, Galveston, Texas.

23. Evaluation of TB broth as a routine diagnostic media for *M. tuberculosis* isolation. Virginia

Sanders, Brooke Army Medical Center, Ft. Sam Houston, Texas.

International Association of Microbiologists

Permanent International Commission for the Organization of Congresses

Report of Dr. Ralph St. John Brooks, Secretary-General.

A meeting of the Permanent International Commission was held at Hotel Quitandinha, Petropolis, on Thursday, 24th August 1950, at 9 a.m. The following were present:

Prof. Olympio da Fonseca filho (Brazil) Chairman; Prof. Alois Bachmann (Argentina); Dr. K. Riewerts Eriksen (Denmark) representing Prof. Th. Madsen; Prof. Sir Alexander Fleming (Great Britain & Northern Ireland); Dr. W. C. G. Forsyth (British West Indies) representing Dr. A. C. Thaysen; Prof. Arthur Grumbach (Switzerland); Prof. Estenio Hormaeche (Uruguay); Prof. Omar Khairat (Egypt); Prof. A. J. Kluyver (Holland); Dr. G. A. Ledingham (Canada) representing Prof. E. G. D. Murray; Prof. A. Salazar Leite (Portugal); Dr. Pierre Lépine (France) representing Prof. J. Trefouel; Dr. Graciela Leyton (Chile); representing Dr. Emiliano Armijo; Prof. Stuart Mudd (U.S.A.); Prof. Gunnar Olin (Sweden) representing Prof. Carl Kling; Prof. A. L. Olitzki (Israel); Prof. Giuseppe Penso (Italy); Prof. Hans Schlossberger (Germany); Dr. Hiroshi Tamiya (Japan); Prof. Unto Vartiavaara (Finland) representing Prof. Artturi J. Virtanen; Dr. Lorenzo Vilas (Spain) representing the late Prof. Juan Marcilla; with Dr. Ralph St. John-Brooks, Secretary, representing Prof. Joseph W. Bigger (Eire) and Dr. Björn Sigurdsson (Iceland).

The Chairman announced with the deepest regret the deaths of two of their members: Dr. G. J. Stephanopoulo (Greece) and Prof. Jaun Marcilla (Spain). Letters of regret for unavoidable non-attendance had been received from Prof. Armijo (Chile), Dr. Niels Dungal (representative of Dr. Björn Sigurdsson, Iceland), Prof. Michael Grines (representative of Prof. J. W. Bigger, Eire) and Prof. W. J. Lütjeharms (South Africa). The Chairman welcomed Dr. Christian R. Klimt, the delegate of WHO, and regretted that Dr. Establier, the representative of UNESCO, who had also been invited to attend, was unable to be present.

The Secretary stated that subsequent to the close of the Fourth International Congress for Microbiology (Copenhagen 1947) the International Association of Microbiologists (IAMB) was admitted at the IXth. General Assembly of the International Union of Biological Sciences (IUBS) (Copenhagen 1947), as the Microbiological Section of that body. Recently, at the request of the Secretary-General of IUBS, the Secretary had prepared

a three-year report on the work of the Section, which had been presented for publication at the Xth. General Assembly of IUBS (Stockholm, July 1950). This report, as well as the minutes of the two sectional meetings of the IAMB which were held in Stockholm at that time, were put before the meeting. The IAMB was represented at the IUBS General Assembly by Mr. H. J. Bunker (representing Sir Alexander Fleming), Prof. Roger Heim, Prof. Carl Kling, Prof. Gunnar Olin, Dr. John Ramsbottom with Dr. Ralph St. John-Brooks, Secretary-General.

The Secretary then read the provisional Statutes of the IAMB, which had been drawn up by the Drafting Committee, appointed at Copenhagen, consisting of Sir Alexander Fleming, Dr. Lépine and Prof. Mudd, as finally amended and presented to and approved by the Xth. General Assembly of IUBS. After considerable discussion the amended provisional Statutes were approved and a Committee of five persons was duly elected to study and examine the Statutes and to report on relevant alterations to be proposed at the Sixth International Congress for Microbiology. The Committee members elected were Prof. Sir Alexander Fleming, Prof. O. da Fonseca, Prof. A. J. Kluyver, Prof. Stuart Mudd, Prof. G. Penso with the Secretary, *ex officio*.

At the request of the Chairman, the Secretary then read an extract from the Proceedings of the Copenhagen Congress, relative to the invitation of the Italian Delegation to hold the next Congress in Rome in 1953. He also read a letter he had received from Dr. Lorenzo Vilas containing an offer from the Society of Spanish Microbiologists to hold a Congress in Spain in the same year. Owing, however, to the lamented death of Prof. Juan Marcilla, the Spanish Delegation withdrew their invitation for 1953 but hoped that it would be possible to hold a Congress in Spain in 1956.

The Argentine Delegation, through their representative Prof. Bachmann, also extended an invitation to hold a Congress in Buenos Aires in 1956, which they thought would be in keeping with the tradition of holding alternate Congresses in the old and in the new world. The Italian invitation to hold the next Congress in Rome in 1953 was accepted by acclamation. It was understood that the Congress would be held during the first two weeks of September 1953.

The request from IUBS to postpone the next Congress until 1954 was negative on the grounds that such action would be contrary to the constitution of the IAMB and that Congresses already scheduled for 1953 did not interfere technically with the field of Microbiology.

Dr. Klimt, representing the World Health Organization, extended an invitation to the International Association of Microbiologists to apply for Official relationship with WHO. He shortly out-

lined the privileges connected with official relationship, being principally the right to be represented in every relevant meeting organized by WHO, to make suggestions for the agenda of the World Health Assembly (WHA), to submit a memorandum to the Director General and to receive all relevant documentation. Dr. Klimt further explained the new system of Expert Advisory Panels developed in his division under the directorship of Dr. Biraud. These Panels were being established in all fields in which WHO is active and serve to assemble authoritative opinion either by correspondence or in Expert Committee Meetings, for which the participants would be chosen from the Panel members and convened at WHO's expense. The help of IAMB was needed for the formation of these Panels. For further clarification of their functions copies of the Provisional Regulations governing their establishment were distributed.

It was moved by Prof. Lépine that the Commission should accept the invitation extended by Dr. Klimt on behalf of the World Health Organization to apply for official relationship with WHO. This motion was seconded by Prof. Penso and carried unanimously. Prof. Penso proposed that a request be submitted to the Executive Board of the World Health Organization for unification of procedures for postal shipment of biological samples (bacteriological cultures and virus specimens) throughout the world. This motion was carried unanimously.

The Secretary of the Permanent Commission—Dr. St. John-Brooks—was unanimously elected to serve in that capacity, under the Statutes, for a further three years period.

On the motion of Dr. Lépine it was decided by acclamation to send a telegram to Prof. Jules Bordet congratulating him on his 80th. anniversary.

A vote of thanks to the Brazilian Government, the Organizing Committee and to all Brazilian workers who had taken part in preparing this most successful Congress was proposed by Sir Alexander Fleming, seconded by Prof. Mudd and carried by acclamation.

The proceedings then terminated.

BOOKS RECEIVED

Owing to the transitional state of affairs in the Office of the Secretary-Treasurer, quite a backlog has accumulated of books of varied interest to our members. At this time, only a brief announcement of each is feasible.

The Pathogenesis and Pathology of Viral Diseases.

John Graydon Kidd, ed. New York: Columbia University Press; 1950. xii + 206 pp. *Illus.* \$5.00.

Advances in Enzymology and Related Subjects of Biochemistry, Volume X.

F. F. Nord, ed. New York and London: Interscience Publishers, Inc.; 1950. *Approx.* 496 pp., 29 *illus.*, 27 *tables.* \$7.50.

- Diagnosis of Viral and Rickettsial Infections.** Frank L. Horsfall, ed. New York: Columbia University Press; 1949. *x + 155 pp.* Symposia of the Section on Microbiology, New York Academy of Medicine, No. 1. \$3.75.
- Evaluation of Chemotherapeutic Agents.** Colin M. MacLeod, ed. New York: Columbia University Press; 1949. *xii + 207 pp.* Symposia of the Section on Microbiology, New York Academy of Medicine, No. 2. \$4.00.
- Oxidation-Reduction Potentials in Bacteria and Biochemistry.** L. F. Hewitt. Baltimore: Williams and Wilkins Company; 1950. *209 pp., 44 figs.* \$4.50.
- Annual Review of Biochemistry.** J. Murray Luck, ed. Stanford, California: Annual Reviews, Inc.; 1950.
- Serology with Lipid Antigen.** Reuben L. Kahn. Baltimore: Williams and Wilkins Company; 1950. *225 pp., 27 charts, 68 tables.*
- Die Bazillenruhr.** Ludwig Roemheld. Stuttgart, Germany: Georg Thieme Verlag; 1949.
- Cell Physiology and Pharmacology.** J. F. Danielli. New York and London: Elsevier Publishing Company, Inc.; 1950. *Approx. 150 pp., 22 tables, 30 illus.* \$3.00.
- Annual Review of Microbiology.** C. E. Clifton, ed. Stanford, California: Annual Reviews Inc.; 1949.
- The Actinomycetes, their Nature, Occurrence, Activities, and Importance.** Selman A. Waksman. Waltham, Mass.: Chronica Botanica Company; 1950.
- Morphology and Taxonomy of Fungi.** Ernst Athearn Bessey. Philadelphia and Toronto: Blakiston Company; 1950.
- Handbook of Bacteriology for Students and Practitioners of Medicine.** Joseph W. Bigger. Baltimore: The Williams and Wilkins Company; 1950. *562 pp., 109 figs., 4 color plates.* \$4.50.
- The Examination of Waters and Water Supplies.** (6th edition) Edwin Windle Taylor. Philadelphia: The Blakiston Company; 1949. *819 pp., 52 illus.* \$12.00.
- Microbiologies du Sol, Problemes et Methodes, Cinquante Ans de Recherches.** S. Winogradsky. Paris 6e, France: Masson et Cie., 120 Boulevard Saint-Germain; 1949.
- The Cytology and Life-History of Bacteria.** K. A. Bisset. Baltimore: The Williams and Wilkins Company; 1950. *142 pp., 43 figs.* \$3.50.
- Die Hefesammlung des "Centraal-Bureau voor Schimmelcultures" Beitrage zu einer Monographie der Hefearten II Teil die Anaskoprogenen Hefen Zweite Halfte.** H. A. Diddens and J. Lodder. Amsterdam: N. V. Noord-Hollandsche Uitgevers Maatschappij; 1942.
- Electroforesis en el Estudio de los Antigenos y Anticuerpos.** Graciela Leyton R., Santiago, Chile: Instituto Bacteriologico De Chile; 1948.
- Microbiology of Water and Sewage for Engineering Students.** P. L. Gainey and Thomas H. Lord. Minneapolis: Burgess Publishing Company; 1950. \$3.50.
- Laboratory Manual for Dairy Microbiology.** E. M. Foster and W. C. Frazier. Minneapolis: Burgess Publishing Company; 1950. \$1.75.
- Molecules Against Microbes.** E. S. Duthie. New York: Interscience Publishers; 1946.
- Terramycin.** Roy Waldo Miner and B. J. Henegan, ed. Annals of the New York Academy of Sciences, Volume 53, Art. 2. New York: The New York Academy of Science; 1950.
- Medical Mycology.** Roy Waldo Miner and B. J. Henegan, ed. Annals of the New York Academy of Sciences, Vol. 50, Art. 10. New York: The New York Academy of Science; 1950.
- Mechanism and Evaluation of Antiseptics.** Roy Waldo Miner and B. J. Henegan, ed. Annals of the New York Academy of Sciences, Volume 53, Art. 1. New York: The New York Academy of Science; 1950.

NEW MEMBERS

New Emeritus Members:

- McDermott, Frank A., 815 W. 32nd St., Wilmington, Delaware
 Rettger, Leo F., 340 Ogden St., New Haven, Conn.
 Riebeth, Anne Benton, 2421 Sheridan Ave., S., Minneapolis, Minn.

New Active Members:

(September 12, 1950 through December 4, 1950)

- Anderson, Raymond E., S. Division, Camp Detrick, Frederick, Md.
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